



**R882A**

## Description

Smooth insulating panel in rolls, for radiant underfloor systems. With a waterproof layer to protect against water vapour, and a grid designed on the panel to aid pipe-laying operations.

## Versions and product codes

Product code	Size	Grid designed on the panel	Roll dimensions
R882AY002	h30	50x50 mm	1x10 m
R882AY003	h40	50x50 mm	1x10 m

h = Height (mm)

## Laying

To create the circuits of the radiant underfloor system, the pipes are fixed to the insulating panel by means of the pipe-fixing track K389 or K389W. Direct fixing is also possible, using clips R983Y500 and the relative clip-fixing gun R863.

## Normative references

- UNI EN 1264

Underfloor heating – Systems and components

- EN 13163

Thermal insulation products for buildings – Factory made products of expanded polystyrene (EPS) – Specification

- UNI EN 12354-2

Acoustics in construction – Evaluation of acoustic performance of buildings starting from products performance – Trampling insulation

## Technical data

Insulating panel R882AY002	
Product code	R882AY002
Roll dimensions	1x10 m
Roll surface	10 m <sup>2</sup>
Panel thickness	30 mm
Designed grid	50x50 mm
Waterproof layer to protect against water vapour	Combined with the panel
Panel colour	Grey, with red grid
Insulating sheet	
Material	EPS 200
Application range:	30 kg/m <sup>3</sup>
Thermal conductivity $\lambda_b$	0,035 W/(m K)
Thermal resistance	0,85 m <sup>2</sup> K/W
Compression resistance (in accordance with EN 826)	250 kPa
Reaction to fire	Euroclass E

Insulating panel R882AY003	
Product code	R882AY003
Roll dimensions	1x10 m
Roll surface	10 m <sup>2</sup>
Panel thickness	40 mm
Designed grid	50x50 mm
Waterproof layer to protect against water vapour	Combined with the panel
Panel colour	Grey, with red grid
Insulating sheet	
Material	EPS 200
Application range:	30 kg/m <sup>3</sup>
Thermal conductivity $\lambda_b$	0,035 W/m·K
Thermal resistance	1,15 m <sup>2</sup> K/W
Compression resistance (in accordance with EN 826)	250 kPa
Reaction to fire	Euroclass E

## Product specifications

### R882AY002

Smooth insulating panel in rolls, for radiant underfloor systems. Made of foam polystyrene, with a waterproof layer to protect against water vapour, and a grid designed on the panel to aid pipe-laying operations. Grid mesh 50x50 mm. Roll dimensions 1x10 m. Panel thickness 30 mm. Application range 30 kg/m<sup>3</sup>. Roll surface 10 m<sup>2</sup>. Thermal conductivity 0,035 W/(m K). Thermal resistance 0,85 m<sup>2</sup> K/W. Compression resistance (in accordance with EN 826): 250 kPa. Reaction to fire: Euroclass E.

### R882AY003

Smooth insulating panel in rolls, for radiant underfloor systems. Made of foam polystyrene, with a waterproof layer to protect against water vapour, and a grid designed on the panel to aid pipe-laying operations. Grid mesh 50x50 mm. Roll dimensions 1x10 m. Panel thickness 40 mm. Application range 30 kg/m<sup>3</sup>. Roll surface 10 m<sup>2</sup>. Thermal conductivity 0,035 W/(m K). Thermal resistance 1,15 m<sup>2</sup> K/W. Compression resistance (in accordance with EN 826): 250 kPa. Reaction to fire: Euroclass E.



**Additional information**

For further information, visit the website [www.giacomini.com](http://www.giacomini.com) or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
This information is intended as an example. Giacomini S.p.A. reserves the right to modify the contents - at any time and without prior warning - for technical or commercial reasons. The information in this technical sheet does not exempt the user from scrupulously observing the existing regulations and standards relating to good technical practices. Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy